

Release Notes - connectBlue Serial Port Adapter™

Introduction

Congratulations on your purchase of a connectBlue *Serial Port Adapter*.

This document is valid for the following serial port adapter models:

- cB-OEMSPA310
- cB-OEMSPA311
- cB-OEMSPA331
- cB-OEMSPA312
- cB-OEMSPA332

Release History

Release	Date	Comment
3.9 [09:03:21,Sep 11 2007]	2007-09-18	Official 3.9 release Improved stability for link policies with sniff mode Added connection schemes "Connect to name permanent" and "Easy connect" (AT*ADWDRP) Increased throughput at high baudrates using the optimized buffer handling feature. (AT*AMWFM)
3.8 [11:37:14,Mar 23 2007]	2007-03-28	Official 3.8 release Escape sequence aborts ongoing connection attempt instead of waiting for completion or timeout. This means that the module enters the AT mode with the same timing as for the 13i/x and 33i/x modules. Bug fix to avoid possible crash during inquires for low baud rates. Improved AT command parameter parsing. AT*AILVI now reports NXP as the chip manufacturer instead of Philips Semiconductors. AT*AGUB extended to support deleting all bonded devices. Optimized RS422/485 behavior.
3.7 [14:23:35,Sep 25 2006]	2006-09-29	Official 3.7 release AT*AMRS, added possibility to use any baudrate by writing the real baud rate instead of the id. For example 57600 instead of 8. Support for 7 bonded devices instead of 5 Updated factory settings files for long-range models. Bug fix for AT*ADCP. For earlier releases the must_be_master slave parameter was ignored. Bug fix for bonding. For earlier releases connections that initiated a bonding could fail. Bug fix for unwanted watchdog reset when pumping data at high data rates.
3.6 [15:03:48,May 30 2006]	2006-06-12	Official 3.6 release Watchdog functionality added (AT*AMWS) Link policies for DM-packets added (AT*AMLP) Added possibility to set poll interval when QoS is used (AT*AMLP) Improved handling of links with high bit error rate
3.5 [11:53:32,Feb 01 2006]	2006-02-10	Official 3.5 release Improved performance. Improved performance when UART flow control is disabled. Support for interlaced page and inquiry scan (AT*AMWFM). This means faster connections and discovery of the device. Possibility to configure "Always connected" interval and page timeout (AT*ADWDRP).



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		Possibility to configure channel map (AT*AMCM).
3.4 [15:38:52,Dec 16 2005]	2005-12-22	Official 3.4 release Bug fix for fast disconnect / reconnect.
3.3 [16:27:40,Dec 05 2005]	2005-12-09	Official 3.3 release Device discovery added (AT*AGDD). Read/Write Max Power added (AT*AMMP). Possibility to support both SPP DevB and DUN Gateway in added (AT*ADDSP). Link Policies for longer range added (AT*AMLP). Read/Write Feature Mask added (AT*AMRFM and AT*AMWFM).
3.2 [14:04:07,Nov 18 2005]	2005-11-25	Official 3.2 release
3.2 [13:28:24,Oct 19 2005]	2005-10-20	3.2 Beta release Support for RS422/485 added (AT*AMSIT). Support for Master/Slave policy added (AT*AGMSP). Bug fix for connecting and disconnecting "SPP" without disconnecting ACL link.
3.1 [14:06:10,Jun 20 2005]	2005-07-06	Official 3.1 release Connect to name functionality added (AT*ADWDRP). Link policy functionality added (AT*AMLP).
3.0 [10:37:24,May 10 2005]	2005-05-16	Official 3.0 release Un_Bond and Read_Bonded_Devices have been added. Bug fix regarding transmission of data when going out of range.

Known Limitations and Notes

For some application scenarios there may be a problem with link/data loss for link policies that support sniff. The behavior is dependent on the traffic generated by the application, so it is recommended that thorough tests be performed on any application scenario where sniff mode is used.

Please note that the cB-OEMSPA310 does not support stop mode or RS422/485.

Anomaly Reports

If you experience problems with your *Serial Port Adapter* please fill out an anomaly report and email it to support@connectblue.se.

Product Information and Software Upgrades

To receive information about upcoming connectBlue products and upgrades please register via email at support@connectblue.se.